

CUBE20 AI4 U/I

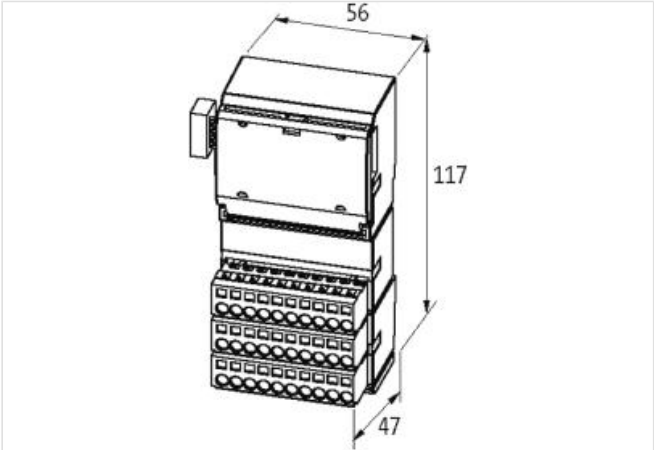
Expansion module
AI4 - (E) I
Voltage/current

Link to Product

Illustration



Product may differ from Image



Commercial data	
ECLASS-6.0	27242601
ECLASS-6.1	27242601
ECLASS-7.0	27242601
ECLASS-8.0	27242601
ECLASS-9.0	27242601
ECLASS-10.1	27242601
ECLASS-11.1	27242601
ECLASS-12.0	27242601
ETIM-5.0	EC001596
customs tariff number	85176200
GTIN	4048879049238
Packaging unit	1
Electrical data Supply	
Idle current external max.	60 mA
Current consumption max.	25 mA
Total current UA max.	4 A
Total current US max.	4 A
module supply	via system connection
Electrical data Input	
Working resistance max.	300 Ω
Current input mode 2 min.	4 mA
Current input mode 2 max.	20 mA
Input current min.	0 mA

Input current max.	20 mA
Resistance input min.	1000 kΩ
Conversion time analog input per channel max.	2 ms
Diagnostics	
Diagnostic	Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes
Installation	
Connection cross section max.	2,5 mm ²
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP20
Mechanical data Mounting data	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	117 mm
Width	56 mm
Depth	47 mm
Environmental characteristics Climatic	
Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
Conformity	
Product standard	EN 61131-2
Connection type 3	
Connection type 1	X0
Connection type 2	X1
Connection type 3	X2
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	10
PIN 1	+ U 0
PIN 2	+ I 0
PIN 3	+ U 1
PIN 4	+ I 1
PIN 5	+ U 2
PIN 6	+ I 2
PIN 7	+ U 3
PIN 8	+ I 3
PIN 9	UI
PIN 10	UI
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	10

PIN 1	0 V
PIN 2	S 0
PIN 3	0 V
PIN 4	S 1
PIN 5	0 V
PIN 6	S 2
PIN 7	0 V
PIN 8	S 3
PIN 9	0 V
PIN 10	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	10
PIN 1	US
PIN 2	FE
PIN 3	US
PIN 4	FE
PIN 5	US
PIN 6	FE
PIN 7	US
PIN 8	FE
PIN 9	0 V
PIN 10	0 V